



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of

Docket No: Q77098

Volker BRAUN, et al.

Appln. No.: 10/648,447

Group Art Unit: 2681

Confirmation No.: 4594

Examiner: Not Assigned

Filed: August 27, 2003

For: TELECOMMUNICATION SYSTEM WITH TRANSMIT AND MULTI-USER DIVERSITY

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

Applicants hereby advise the Examiner of the following related application:

1. U.S. Application 10/633,772 filed September 17, 2003, entitled "Telecommunication System with Transmit and Multi-User" by Volker Braun et al

One copy of each of the listed documents, along with the related application listed above, is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office.

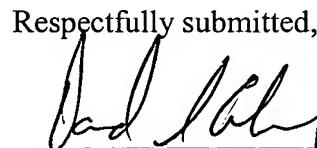
INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/648,447

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



\_\_\_\_\_  
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WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: December 12, 2003



MODIFIED PTO/SB/08 A & B (06-03)

**Substitute for Form 1449 A & B/PTO**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet

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of

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*Complete if Known*

Application Number	10/648,447
Confirmation Number	4594
Filing Date	August 27, 2003
First Named Inventor	Volker BRAUN
Art Unit	2681
Examiner Name	Not Assigned

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Thomas Hedberg et al, "Evolving WCDMA", Ericsson Review, 'Online!' No. 3, 2001, pp. 124-131, X{--2229938	Yes
		"3GPP TS 25.211 V3.7.0 (June 2001) 3 <sup>rd</sup> Generation Partnership Project Technical Specification Group Radio Access Network Physical Channels and Mapping of Transport Channels onto Physical Channels (FDD)", 3GPP TS 25.211 V3.7.0, XX, XX, Vol. 3.7.0, June 2001, pp. 1-435, XP002902457	Yes
		Stefan Parkvall et al, "Evolving WCDMA for Improved High Speed Mobile Internet", FUTURE TELECOMMUNICATIONS CONFERENCE, 'Online! November 28-30, 2001, pp. 1-5, XP002228838	Yes
		US Application No. 10/633,722 filed September 17, 2003, entitled "Telecommunication System with Transmit and Multi-User Diversity"	Yes

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.